

Abstract

An anchor 1 adapted to an undercut-type prepared hole 19 having near the hole bottom thereof a diameter expanded in a taper way and including a sleeve 2 having an expansion part 6 and a plug 3 formed with a tapered part 14 inserted into the sleeve 2 for expanding the expansion part 6. When the plug 3 is hammered with the sleeve 2 contacting the bottom of the prepared hole, an annular projecting part 13 and an engagement groove 7 are engaged in a concavo-convex way as the expansion part 6 expands to contact a tapered surface 21a of the prepared hole 19. At the same time, by a hole-bottom reaction force generated by the plug 3 contacting the bottom of the prepared hole 19, a construction is completed with the expansion part 6 making press contact with the tapered surface 21a of the prepared hole. Concurrently with completion of the construction, the tensile strength equal to that of the steel product and the like can be obtained immediately without adding an external tensile force.